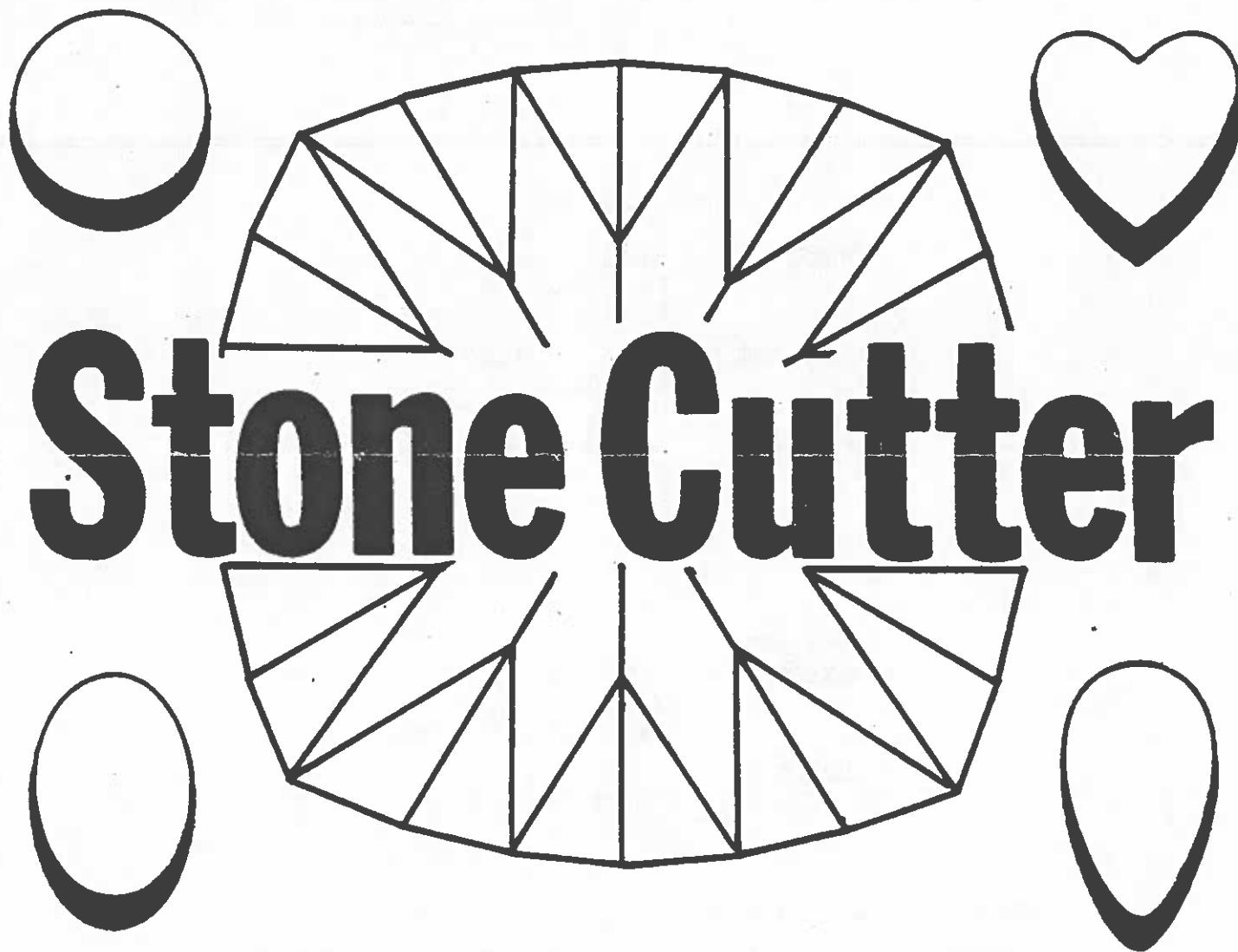


**NORTH CAROLINA  
LAPIDARY SOCIETY**

**December  
1982**



**MEETINGS:**

*this*  
Third Thursday ~~each~~ month.  
GEMCRAFTERS  
2106 Patterson St.  
Greensboro, NC 27407



NOTE.  
ONE-TIME  
CHANGE.

MEETING DATE : December 16, 1982  
TIME : 4:00 PM  
PLACE : Meet at GEMCRAFTERS then to  
Coliseum Exhibit Hall.  
PROGRAM : This meeting will be devoted to  
setting up our case of stones and  
jewelry for exhibit at the annual  
Show of the Greensboro Gem and Mineral  
Club. The Show will be at the Coliseum  
December 17, 18 & 19, 1982.

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OFFICERS 1982

PRESIDENT : THOMAS J. RICKS  
Rt. 3 Box 347  
Liberty, NC 27298  
VICE. PRES.: DR. F. W. MACEY  
Box 2065  
Asheboro, NC 27203  
SECRETARY : MARILYN LARSON  
Rt. 3 Box 213A  
Liberty, NC 27298  
TREASURER :

MEMBERSHIP

SECRETARY : PAULINE E. KEENEY  
1611 Alderman Dr.  
Greensboro, NC 27408

BULLETIN

EDITOR : THOMAS J. RICKS  
Rt. 3 Box 347  
Liberty, NC 27298

EXECUTIVE BOARD meets at the call of the president.

MEMBERSHIP DUES : \$12.00 per year - prorated quarterly.

STONE CUTTER subscriptions: \$5.00 per year.

STONE CUTTER advertising rates: full page, \$40.00; half  
page, \$20.00; quarter page, \$ 10.00.

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ULTRA TEC TROPHY STONE

by Ruth Aiken

from

The Ultra Tec Newsletter

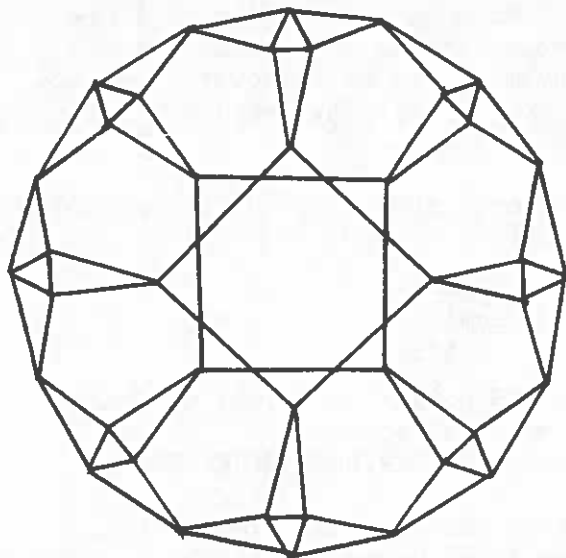
"Some years ago we ran a design competition for the "Ultra Tec Trophy Stone". The competition was won by Ruth Aiken. The design is the one that is used for the stone in the Ultra Tec Trophy, which is given in San Jose each year. We frequently receive requests for the design and we thought it a good idea to make it available to you ... . Since the trophy each year has a stone cut by the prior year's winner, you have a chance to compare your handiwork against one of the champs. It used to be cut in YAG, and is now cut in Cubic Zirconia. Good luck."

"MULTIPLE PAVILION"

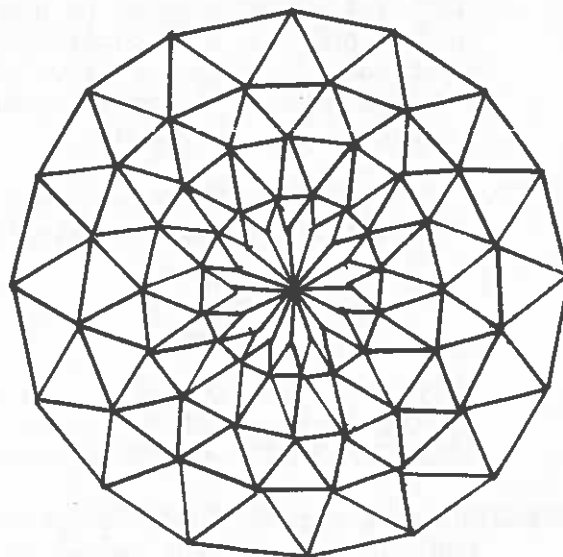
64 Gear - Angles For Quartz

193 Facets

CROWN



PAVILION



54  $7/8^\circ$  on 2-6-10 etc.  
 40 $^\circ$  on 8-16-24 etc.  
 49  $3/8^\circ$  on 4-12-20 etc.  
 42  $1/4^\circ$  on ~~8-16-24~~ etc.  
 29  $1/2^\circ$  on ~~8-16-24~~ etc.

72 $^\circ$  on 2-6-10 etc.  
 63 $^\circ$  on 4-8-12 etc.  
 60 $^\circ$  on 4-8-12 etc.  
 55 $^\circ$  on 2-6-10 etc.  
 50 $^\circ$  on 2-6-10 etc.  
 46 $^\circ$  on 4-8-12 etc.  
 43 $^\circ$  on 4-8-12 etc.  
 41 $^\circ$  on 2-6-10 etc.

Facet 16 Girdle Facets

Cut on an Ultra Tec Facetor

Looking down on the Crown this cut multiplies the Pavilion by eight. It cuts a very brilliant stone.

R. O. L. E. (Recognition of Lapidary Excellence)

R. O. L. E. is a program developed and used by the Federal Way Rock and Gem Club in Federal Way, Washington with the aim of promoting better lapidary craftsmanship. The following write-up came to us via "Stoney Statements", bulletin of the Clear Lake, TX Gem and Mineral Society.

Please take time to read about R. O. L. E. and give the idea some thought. Then let our President know if you would be interested in having such a program for our Society.

--- Tom Ricks, Editor

## R. O. L. E. PROGRAM

## RECOGNITION OF LAPIDARY EXCELLENCE

A PROGRAM TO STIMULATE AND IMPROVE THE LAPIDARY ARTS OF THE  
MEMBERS OF THE FEDERAL WAY GEM AND MINERAL CLUB.

**GOAL:** To encourage each member of the Federal Way Gem and Mineral Club to improve his or her ability to achieve proficiency in the art of cabochon making.

**LEVELS OF ACHIEVEMENT:** Five levels of achievement will be recognized, each with definite objectives to be accomplished. The expectations as far as difficulty and use of materials will be more demanding as one achieves and reaches succeeding levels. Levels of achievement are as follows: 1) Novice, 2) Apprentice, 3) Professional, 4) Master and 5) Artisan. The description of each level is below.

**NOVICE:** To earn NOVICE status you must finish two oval stones of the designated size and using the two materials listed below.

SIZE	MATERIAL
40x30	agate
30x25	obsidian

Each stone must receive a score of at least 75 points evaluated according to the table found at the end of this information brochure.

**EVERYONE BEGINS AT THE NOVICE LEVEL REGARDLESS OF LAPIDARY EXPERIENCE!**

**APPRENTICE:** To earn APPRENTICE status you must first pass NOVICE level and in addition complete 6 stones of the following sizes using the listed materials; however, each material and size must be represented.

SIZE	MATERIAL
24x10	agate
14x10	obsidian
13x18	petrified wood
38mm round	jasper
30mm round	rhodonite
30x40 teardrop	serpentine

Each stone must be evaluated and have earned a score of at least 80 points.

**PROFESSIONAL:** To earn PROFESSIONAL status a person must first pass the NOVICE and APPRENTICE levels and in addition complete the following 10 stones using only the materials listed. Each size and material must be represented.

SIZE	MATERIAL
10x8 oval	petrified wood
12x10 oval	jasper
16x12 oval	rhodonite
dime round	serpentine
penny round	opal
heart	jade
cross	feldspar family
keystone	tiger-eye
free form	malachite
square	onyx

Each stone must earn at least 85 points on the R.O.L.E. scale.

**MASTER:** To earn MASTER status you must first pass the NOVICE, APPRENTICE and PROFESSIONAL levels and in addition complete the following 12 stones using only the materials listed. Each shape or kind and each of the listed materials must be represented.

SHAPE OR KIND	MATERIAL
cat's eye	opal
star stone	turquoise
doublet	amethyst
double-sided tear drop	garnet
double round	jade
double-sided square	feldspar family
two freeforms	malachite
three stones of choice	onyx
	chatoyant stone

All stones must be evaluated at a score of 90 or more. Any member reaching the MASTER level will automatically become a member of the R.O.L.E. PROGRAM COMMITTEE and serve as a lifetime Judge on a standby basis.

**ARTISAN:** To earn ARTISAN status one must first pass the NOVICE, APPRENTICE, PROFESSIONAL and MASTER levels, and in addition complete the following 15 stones. Any except those especially designated can be made from material of the member's choice.

**KINDS OF STONES:** Triplet, fire agate, sphere, inlay, intarsia, and nine stones of the member's choice representing exemplary lapidary expertise. All stones must be evaluated at a score of 95 points or more.

THE FOLLOWING POINT FORMULA WILL BE USED FOR EVALUATING ALL SUBMITTED STONES.

CHOICE OF MATERIAL: Quality of stone, proper orientation, placement of pattern.....	15 points
SANDING AND GRINDING: No flat spots, scratches, sufficient sanding, etc.....	25 points
POLISH: High luster, water glass finish.....	30 points
SYMMETRY: Bezel, crown, curvature, etc.....	25 points
SIZE: Accuracy of template size.....	05 points

An additional 5 points may be added as a degree of difficulty factor.

**SUBMITTING CABOCHONS:** All cabochons will be submitted to the chairman of the R.O.L.E. Committee who will code the stone concealing its owner's identity before giving it to the judging committee. The evaluation of a cabochon will be done by a subcommittee of the R.O.L.E. Program Committee. This subcommittee will be a rotating committee made up of five persons, two of whom will remain constant, members of the R.O.L.E. committee and eventually persons who have earned their MASTER level status. The other three members will serve on a two-month rotating basis selected from the membership. All cabochons submitted will be on display at a regular meeting of the club along with committee comments and explanation of the evaluation. None of the material submitted shall be identified without the owner's explicit permission and then only after it has been evaluated and has met the necessary level of acceptance. Any person from any club may join our program as long as they follow our sequence of procedure.

Recognition of the attainment of a level of proficiency shall be in the form of a Certificate of Merit and an attachment to be worn on the name tag of that member. The club shall provide these badges of merit.

In case of a challenge of a judging committee decision their decision may be superceded by a decision from the R.O.L.E. Program Committee, which in turn may be superceded by a general vote of the membership itself at a regular club meeting. Any challenge must be registered within 30 days of the announced evaluation.

Records shall be kept by the Chairperson of the R.O.L.E. Program Committee. Such records shall show the date the stone was submitted, the kind of stone and the score earned. Only stones meeting the requirements of that level will be recorded. Each person in the program will have a duplicate record of his or her own. The records of any individual are open for perusal of that person whenever requested. They will be kept confidential unless the chairperson is otherwise requested.

It is especially important for every club member to realize that this is primarily an educational project whose sole purpose is to increase the lapidary skills of club members. It is strictly optional. Any member who does not wish to participate for any reason whatsoever must feel free to refuse without any criticism or commentary from the club or club members. Club members who are not ready to become involved in making cabochons are still encouraged to participate in the judging of stones since that also is a valuable educational tool if the Federal Way Gem and Mineral Club is going to establish a reputation of proficiency and pride in our knowledge and execution of all facets of lapidary skills. It is hoped that a similar program can be established for faceting, silver work and perhaps other rock-related arts.

Integrity is a vital part of this program. Our goal must be to improve our own work and help fellow members reach the goals they have set for themselves. The Club gains distinction only as each and every member gains distinction. There is no room for petty competition or in equitableness. "A man of integrity will never listen to any plea against conscience" either in evaluating another member's work or in submission of his own stones.

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METAL TERMS USED BY JEWELERS

KARAT is a measure of fineness: 24-karat is fine gold. One karat equals  $1/24$ . Thus 14-karat gold is  $14/24$  fine gold and the balance ( $10/24$ ) alloy. The usual alloy metals were silver, copper, and zinc. Nickel is used in white gold.

COLORS OF GOLD: yellow, green, red, and white are produced by variations in the alloy. Silver and zinc tend to give a green color; copper, red; and nickel, white.

GOLD FILLED: Made by joining a layer (or layers) of gold alloy to a base metal alloy and then rolling or drawing to the thickness required.

ROLLED GOLD PLATE: The same as gold filled, but usually of lower quality.

GOLD ELECTROPLATE: Usually made by electrolytically depositing fine gold.

STERLING SILVER: is 925/1000 ( $92\frac{1}{2}\%$ ) fine silver and 75/1000 ( $7\frac{1}{2}\%$ ) copper.

COIN SILVER: is 900/1000 (90%) fine silver and the balance copper. The same alloy is used for U.S. silver coins.

PURE PLATINUM is a white metal heavier than gold. In jewelry, alloys of platinum (90%) and iridium (10%) or platinum (95%) and ruthenium (5%) are generally used. When a softer metal is needed, the alloy is usually platinum (95%) and iridium (5%).

PURE PALLADIUM is a white metal lighter than gold and lighter than all the other platinum metals. In jewelry, an alloy of palladium (95.5%) hardened with ruthenium (4.5%) is generally used.

FOREIGN SILVERWARE contains varying percentages of silver. In some cases, the fineness is as low as 700/1000.

SILVER PLATED WARE is made by electroplating fine silver on a base metal alloy, usually nickel silver or Britannia metal, sometimes brass or copper.

SHEFFIELD PLATE (original) was made by bonding sheet silver to copper, rolling and manufacturing into holloware. Imitations are made by electroplating silver on copper.

NICKEL SILVER (so called) is a composition of nickel, copper and zinc. It contains no silver.

DANISH SILVER: Silverware made in Denmark is 830/1000 fine silver if made to minimum Danish standards; 925/1000 fine silver for export.

GERMAN SILVER (a misleading name) is nickel silver and it contains no silver.

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Niles, IL 60648

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## DUES

### 1982 DUES NOW PAYABLE

Yearly membership dues for all members of the North Carolina Lapidary Society are now payable for the year 1982. If possible, please pay your dues by check payable to NCLS. Any officer of NCLS will accept your payment or checks may be mailed to the Society address - 2106 Patterson St. Greensboro, NC 27407

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